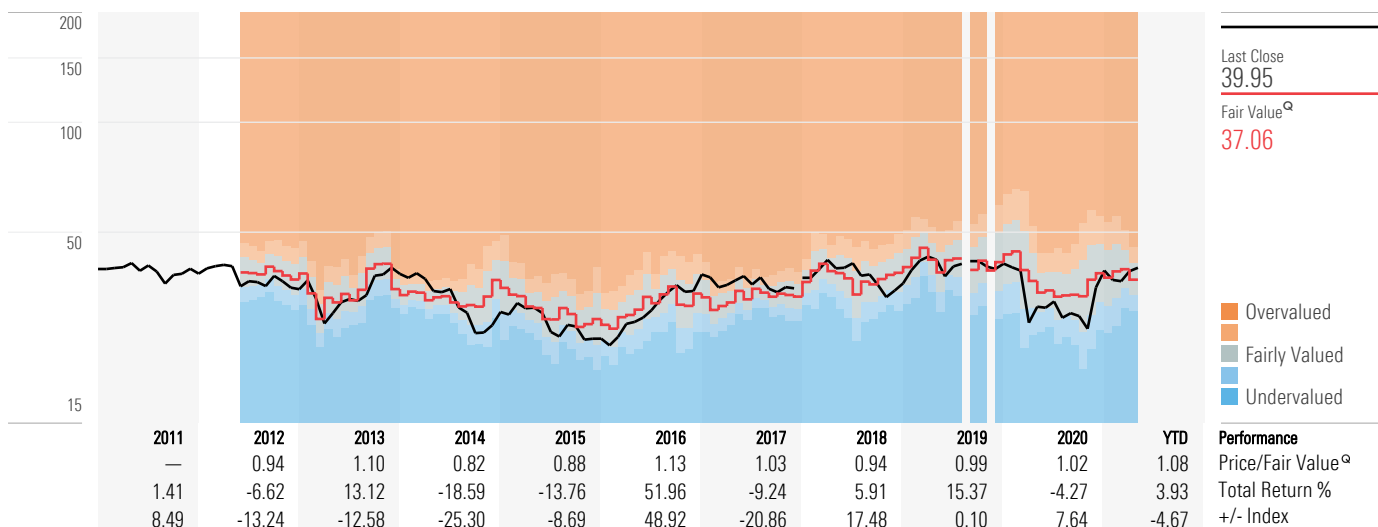


# Construcciones y Auxiliar de Ferrocarriles SA CAF ★★★

20 Apr 2021, 22:43 UTC

Economic Moat <sup>Q</sup>	Uncertainty <sup>Q</sup>	Price/Fair Value <sup>Q</sup>	Trailing Dividend Yield %	Market Cap	Investment Style	Sector	Industry
None	High	1.1	2.11	1.3695 Bil	Small Core	Industrials	Specialty Industrial Machinery



Total Return % as of 20 Apr 2021. Last Close as of 20 Apr 2021. Fair Value as of 20 Apr 2021, 22:43 UTC. Index: Morningstar Spain GR EUR.

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## Valuation <sup>Q</sup> as of 20 Apr 2021



Last Close  
39.95

Fair Value <sup>Q</sup>  
37.06  
Uncertainty <sup>Q</sup>:  
High

CAF is Over Valued at a 8% premium.

Economic Moat <sup>Q</sup>

None

Financial Health <sup>Q</sup>

Moderate

1-Star Price <sup>Q</sup>

> 45.36

5-Star Price <sup>Q</sup>

< 30.28

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## Financials as of 20 Apr 2021 (Fiscal Year End 31 Dec 2019)

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	YTD	Fiscal
Revenue (Mil)	1,725	1,721	1,535	1,447	1,284	1,318	1,477	2,048	2,598	2,762	2,762	Revenue (Mil)
Operating Income (Mil)	192	143	180	104	128	101	146	155	125	112	112	Operating Income (Mil)
Operating Margin (%)	11.13	8.29	11.75	7.19	9.94	7.63	9.86	7.55	4.82	4.05	4.05	Operating Margin (%)
Net Income (K)	146,182	99,454	90,181	59,679	41,041	35,013	42,406	43,462	24,745	9,012	9,012	Net Income (K)
Diluted Earnings/Share	4.26	2.90	2.63	1.74	1.20	1.02	1.24	1.27	0.72	0.26	0.26	Diluted Earnings/Share
Operating Cash Flow (K)	67,936	104,972	-43,439	62,431	95,514	335,418	165,057	389,326	128,777	177,151	177,151	Operating Cash Flow (K)
Capital Spending (K)	-44,766	-56,166	-49,482	-24,306	-19,210	-26,977	-51,254	-90,588	-72,260	-49,298	-49,298	Capital Spending (K)
Free Cash Flow (K)	23,170	48,806	-92,921	38,125	76,304	308,441	113,803	298,738	56,517	127,853	127,853	Free Cash Flow (K)
Avg Shares Outstand(K)	34,283	34,283	34,276	34,279	34,201	34,326	34,198	34,222	34,368	34,662	34,662	Avg Shares Outstand(K)
Dividend Per Share	1.05	1.05	1.05	1.05	0.53	0.53	0.58	—	0.77	—	0.84	Dividend Per Share

## Valuation as of 20 Apr 2021

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Current	Calendar
Price/Fair Value <sup>Q</sup>	—	0.94	1.10	0.82	0.88	1.13	1.03	0.94	0.99	1.02	1.08	Price/Fair Value <sup>Q</sup>
Price/Sales	0.88	0.70	0.84	0.69	0.64	—	—	0.69	0.55	0.53	0.50	Price/Sales
Price/Earnings	9.67	12.03	15.08	12.48	17.80	41.42	31.95	27.27	103.83	—	153.65	Price/Earnings
Price/Cash Flow	—	11.40	—	—	8.17	3.94	6.97	6.20	4.49	8.69	7.82	Price/Cash Flow
Price/Book	2.27	1.70	1.88	1.41	1.19	1.78	1.57	1.71	1.97	2.23	2.16	Price/Book

## Operating Performance as of 20 Apr 2021 (Fiscal Year End 31 Dec 2019)

	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Q3	Fiscal (%)
Return on Assets	6.35	3.94	3.29	2.07	1.41	1.15	1.34	1.22	0.59	0.21	0.74	Return on Assets
Return on Equity	23.81	14.56	12.69	8.2	5.7	4.75	5.57	5.79	3.33	1.32	4.74	Return on Equity
Rtn on Invested Capital	18.07	9.67	8.6	5.87	4.68	4.67	5.5	5.37	3.64	2.27	2.27	Rtn on Invested Capital

## Business Description

Construcciones y Auxiliar de Ferrocarriles SA is a Spain-based company that offers comprehensive railway solutions. The company's train-related products comprise high-speed rolling stock, wheelsets, traction and communication systems, signaling systems, and related services including vehicle maintenance, vehicle upgrading and refurbish-

ment, and after-sales technical supports. In addition to supplying train-related products, the company also helps customers conduct viability studies, civil work, electrification projects, and system operation. The company operates under concession or turnkey models. Construcciones y Auxiliar de Ferrocarriles has a global presence, with Europe and Brazil being the two largest markets.

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## Quantitative Equity Ratings

Morningstar's quantitative equity ratings consist of: (i) Quantitative Fair Value Estimate, (ii) Quantitative Star Rating, (iii) Quantitative Uncertainty, (iv) Quantitative Economic Moat, and (v) Quantitative Financial Health (collectively the "Quantitative Ratings").

The Quantitative Ratings are calculated daily and derived from the analyst-driven ratings of a company's peers as determined by statistical algorithms. Morningstar, Inc. ("Morningstar", "we", "our") calculates Quantitative Ratings for companies whether or not it already provides analyst ratings and qualitative coverage. In some cases, the Quantitative Ratings may differ from the analyst ratings because a company's analyst-driven ratings can significantly differ from other companies in its peer group.

- i. **Quantitative Fair Value Estimate:** Intended to represent Morningstar's estimate of the per share dollar amount that a company's equity is worth today. Morningstar calculates the Quantitative Fair Value Estimate using a statistical model derived from the Fair Value Estimate Morningstar's equity analysts assign to companies. Please go to <http://global.morningstar.com/equitydisclosures> for information about Fair Value Estimate Morningstar's equity analysts assign to companies.
- ii. **Quantitative Economic Moat:** Intended to describe the strength of a firm's competitive position. It is calculated using an algorithm designed to predict the Economic Moat rating a Morningstar analyst would assign to the stock. The rating is expressed as Narrow, Wide, or None.
  - Narrow** – assigned when the probability of a stock receiving a "Wide Moat" rating by an analyst is greater than 70% but less than 99%.
  - Wide** – assigned when the probability of a stock receiving a "Wide Moat" rating by an analyst is greater than 99%.
  - None** – assigned when the probability of an analyst receiving a "Wide Moat" rating by an analyst is less than 70%.

- iii. **Quantitative Star Rating:** Intended to be the summary rating based on the combination of our Quantitative Fair Value Estimate, current market price, Quantitative Uncertainty Rating, and momentum. The rating is expressed as One-Star, Two-Star, Three-Star, Four-Star, and Five-Star.

★ – the stock is overvalued with a reasonable margin of safety.

*Log (Quant FVE/Price) < -1\*Quantitative Uncertainty*

*Micro-Caps: Log (Quant FVE/Price) < -1.5\*Quantitative Uncertainty*

★★ – the stock is somewhat overvalued.

*Log (Quant FVE/Price) between (-1\*Quantitative Uncertainty, -0.5\*Quantitative Uncertainty)*

*Micro-Caps: Log (Quant FVE/Price) between (-1.5\*Quantitative Uncertainty, -0.75\*Quantitative Uncertainty)*

★★★ – the stock is approximately fairly valued.

*Log (Quant FVE/Price) between (-0.5\*Quantitative Uncertainty, 0.5\*Quantitative Uncertainty)*

*Micro-Caps: Log (Quant FVE/Price) between (-0.75\*Quantitative Uncertainty, 0.75\*Quantitative Uncertainty)*

★★★★ – the stock is somewhat undervalued.

*Log (Quant FVE/Price) between (0.5\*Quantitative Uncertainty, 1\*Quantitative*

*Uncertainty)*

*Micro-Caps: Log (Quant FVE/Price) between (0.75\*Quantitative Uncertainty, 1.5\*Quantitative Uncertainty)*

★★★★★ – the stock is undervalued with a reasonable margin of safety.

*Log (Quant FVE/Price) > 1\*Quantitative Uncertainty*

*Micro-Caps: Log (Quant FVE/Price) > 1.5\*Quantitative Uncertainty*

After the initial calculation for the star rating, there is a final filtering step based on the momentum of the company. We rank the companies based on their 12-1 month momentum, then restrict those below the 30th percentile to a maximum of 3 stars.

iv. **Quantitative Uncertainty:** Intended to represent Morningstar's level of uncertainty about the accuracy of the Quantitative Fair Value Estimate. Generally, the lower the Quantitative Uncertainty, the narrower the potential range of outcomes for that particular company. The rating is expressed as Low, Medium, High, Very High, and Extreme.

**Low** – the interquartile range for possible fair values is less than 10%

**Medium** – the interquartile range for possible fair values is less than 15% but greater than 10%

**High** – the interquartile range for possible fair values is less than 35% but greater than 15%

**Very High** – the interquartile range for possible fair values is less than 80% but greater than 35%

**Extreme** – the interquartile range for possible fair values is greater than 80%

v. **Quantitative Financial Health:** Intended to reflect the probability that a firm will face financial distress in the near future. The calculation uses a predictive model designed to anticipate when a company may default on its financial obligations. The rating is expressed as Weak, Moderate, and Strong.

**Weak** – assigned when Quantitative Financial Health < 0.2

**Moderate** – assigned when Quantitative Financial Health is between 0.2 and 0.7

**Strong** – assigned when Quantitative Financial Health > 0.7

## Other Definitions

i. **Last Close** – Price of the stock as of the close of the market of the last trading day before date of the report.

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**Undervalued – Last Price** is below Morningstar's quantitative fair value estimate.

**Fairly Valued – Last Price** is in line with Morningstar's quantitative fair value estimate.

**Overvalued – Last Price** is above Morningstar's quantitative fair value estimate.

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